

FIGURE 1

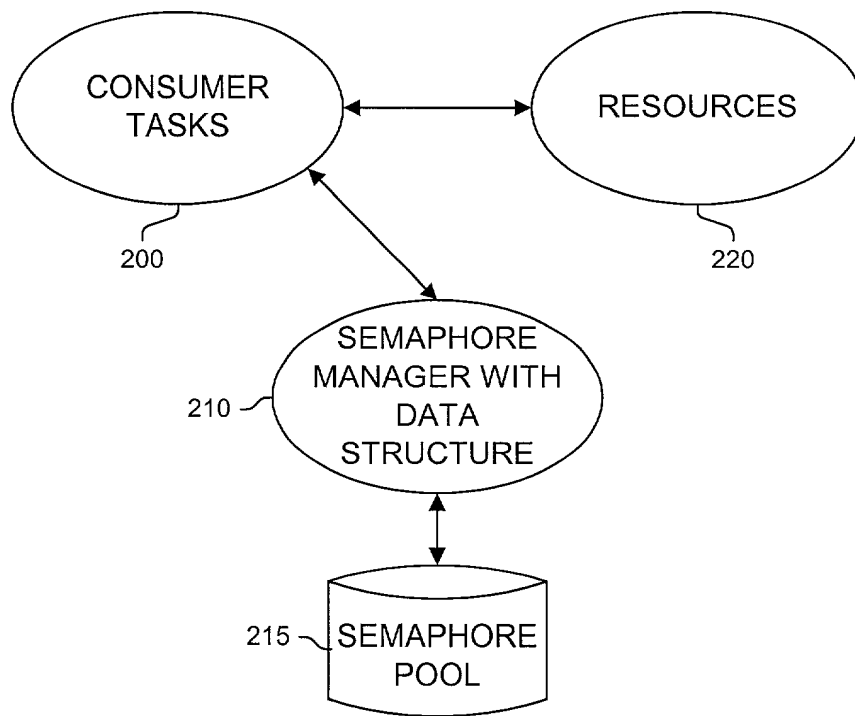


FIGURE 2

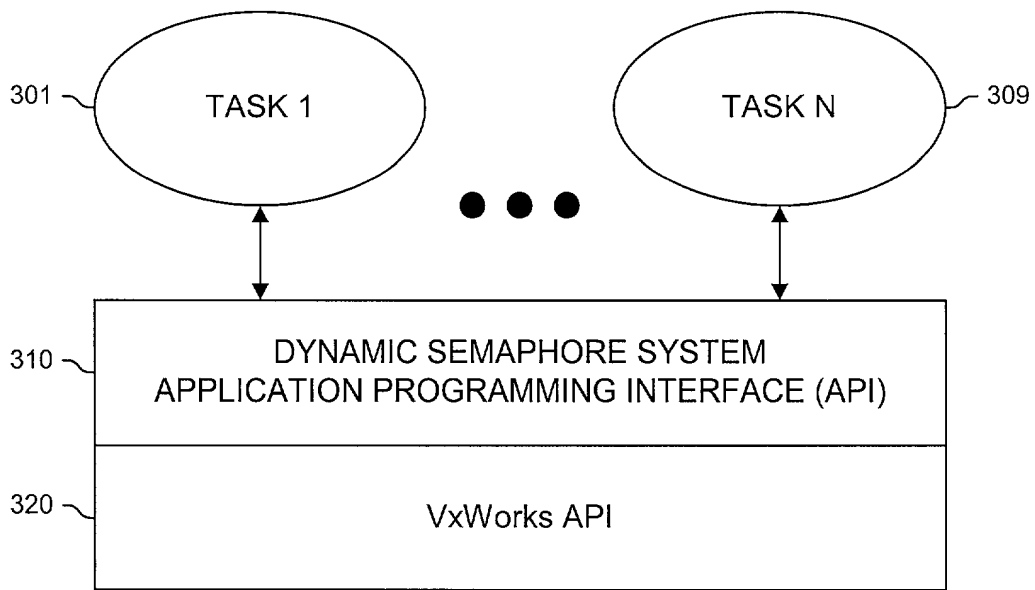


FIGURE 3

FIG. 4A is a diagram of a resource lock table.

400	↓ 410	↓ 411	↓ 412	↓ 413
	RESOURCE NAME	LOCK TYPE	SEMAPHORE INDEX	READ LOCK COUNT
401				
1				
402				
2				
403				
3				
	<div>•</div> <div>•</div> <div>•</div>			
409				
R				

RESOURCE LOCK TABLE

FIGURE 4A

	460	461	462
450	SEMAPHORE ID	IN USE FLAG	NEXT POINTER
446 1			
452 2			
453 3			
		• • •	
459 S			

SEMAPHORE ALLOCATION TABLE

FIGURE 4B

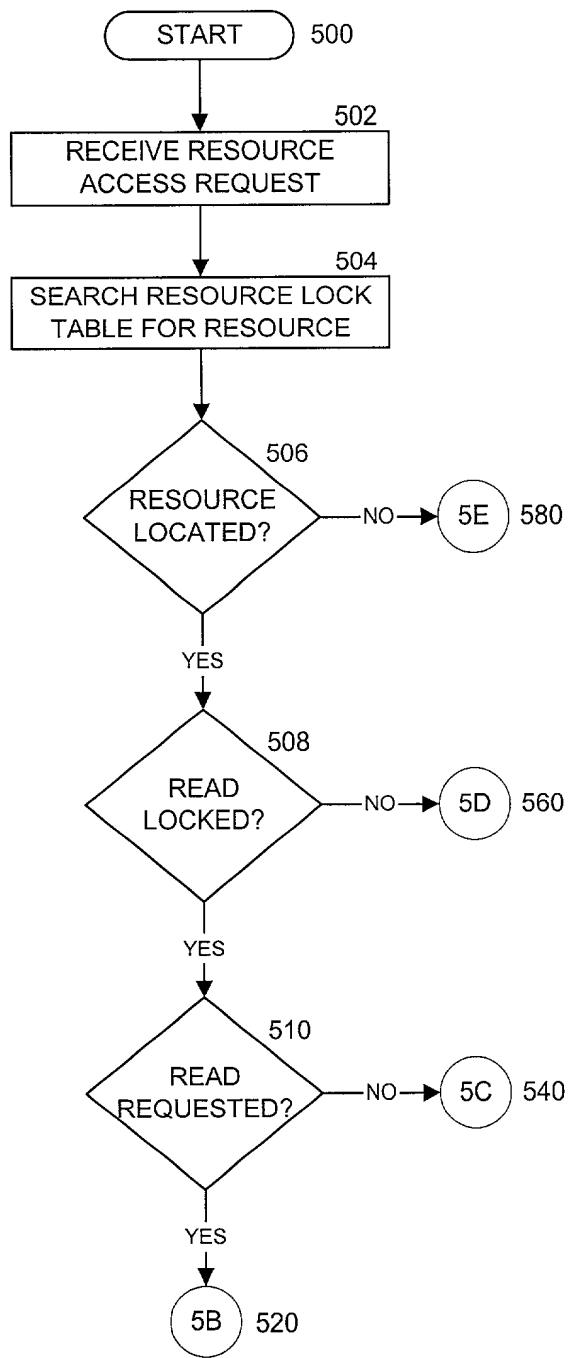


FIGURE 5A

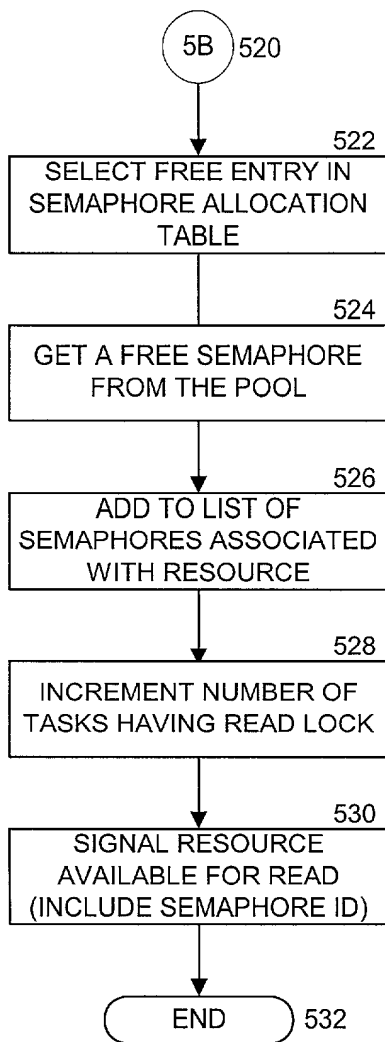


FIGURE 5B

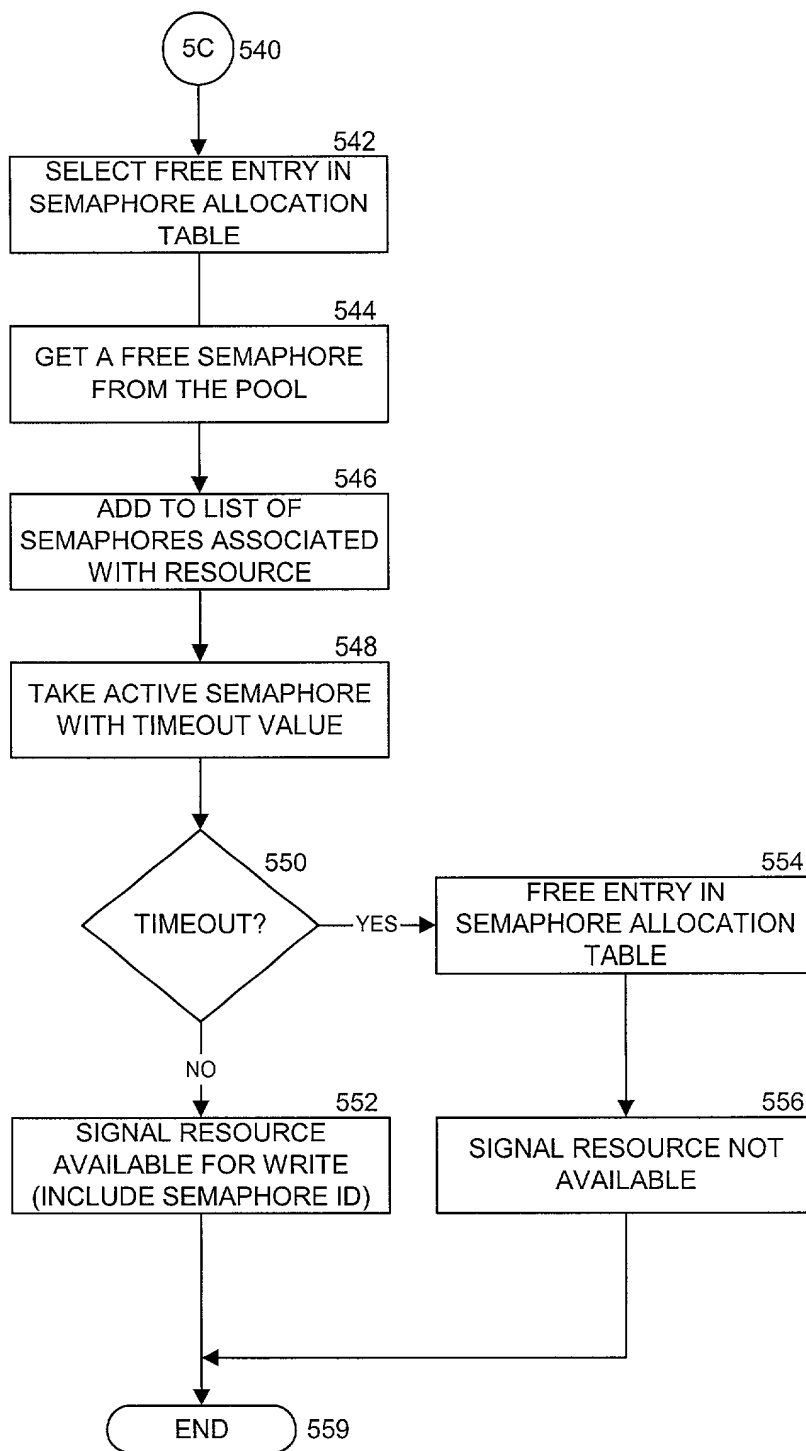


FIGURE 5C

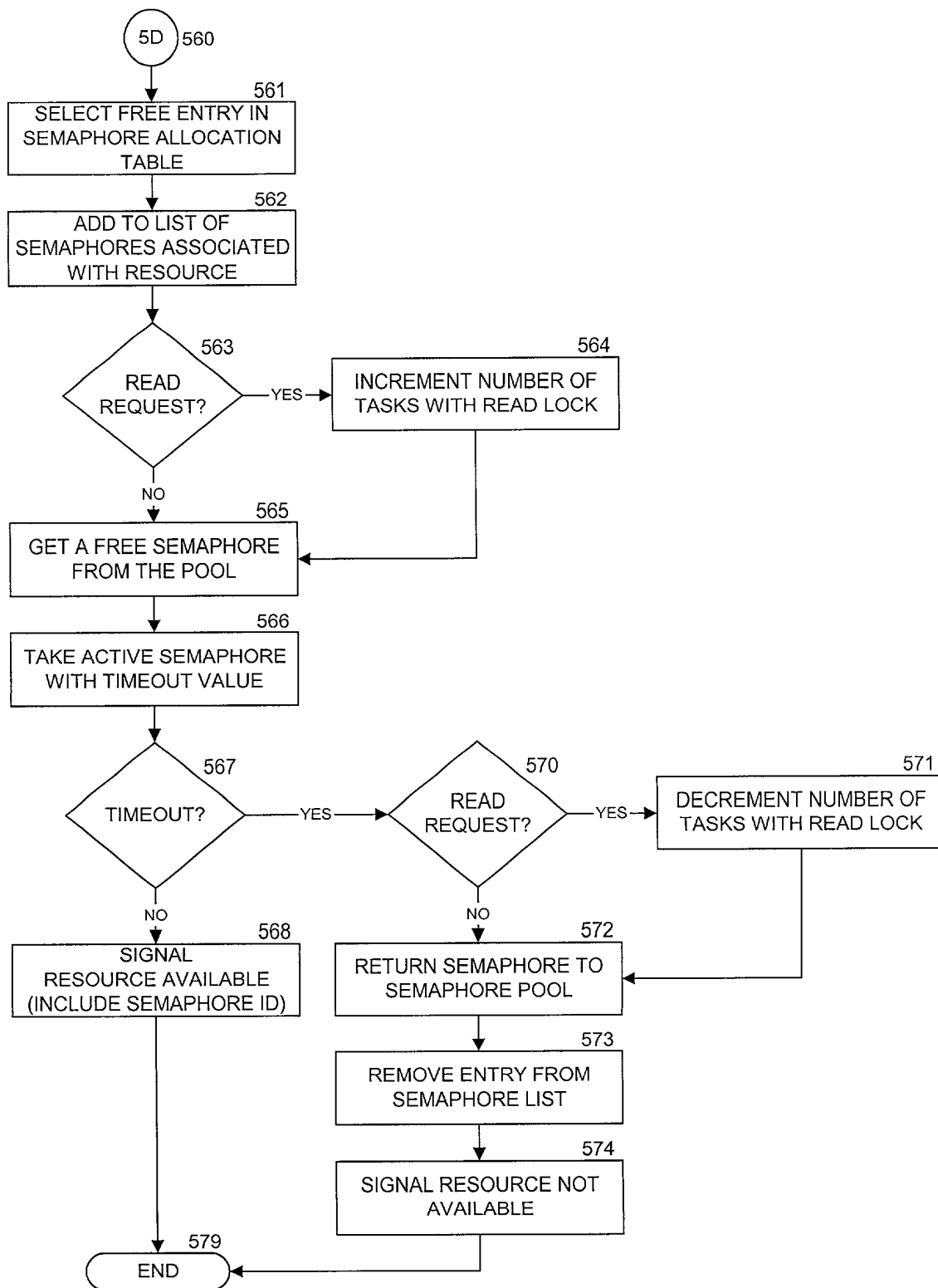


FIGURE 5D

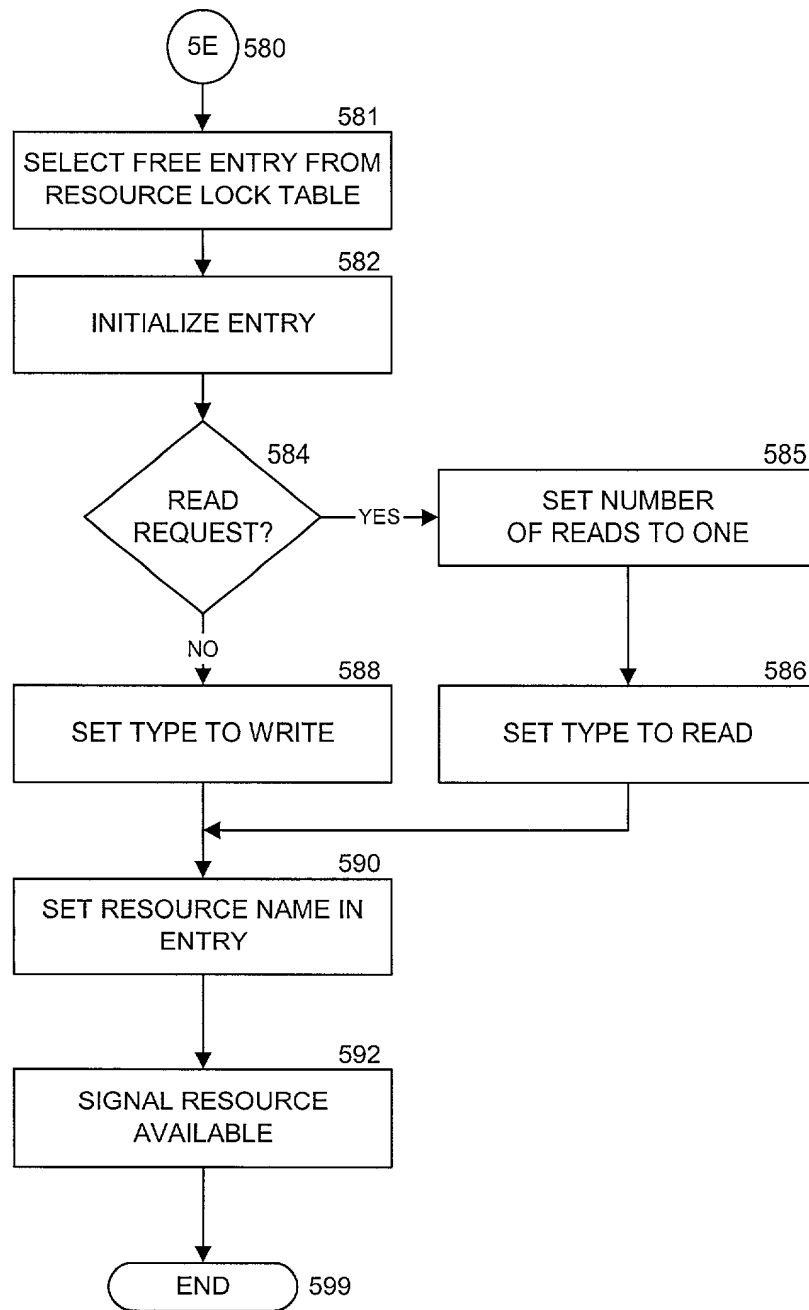


FIGURE 5E

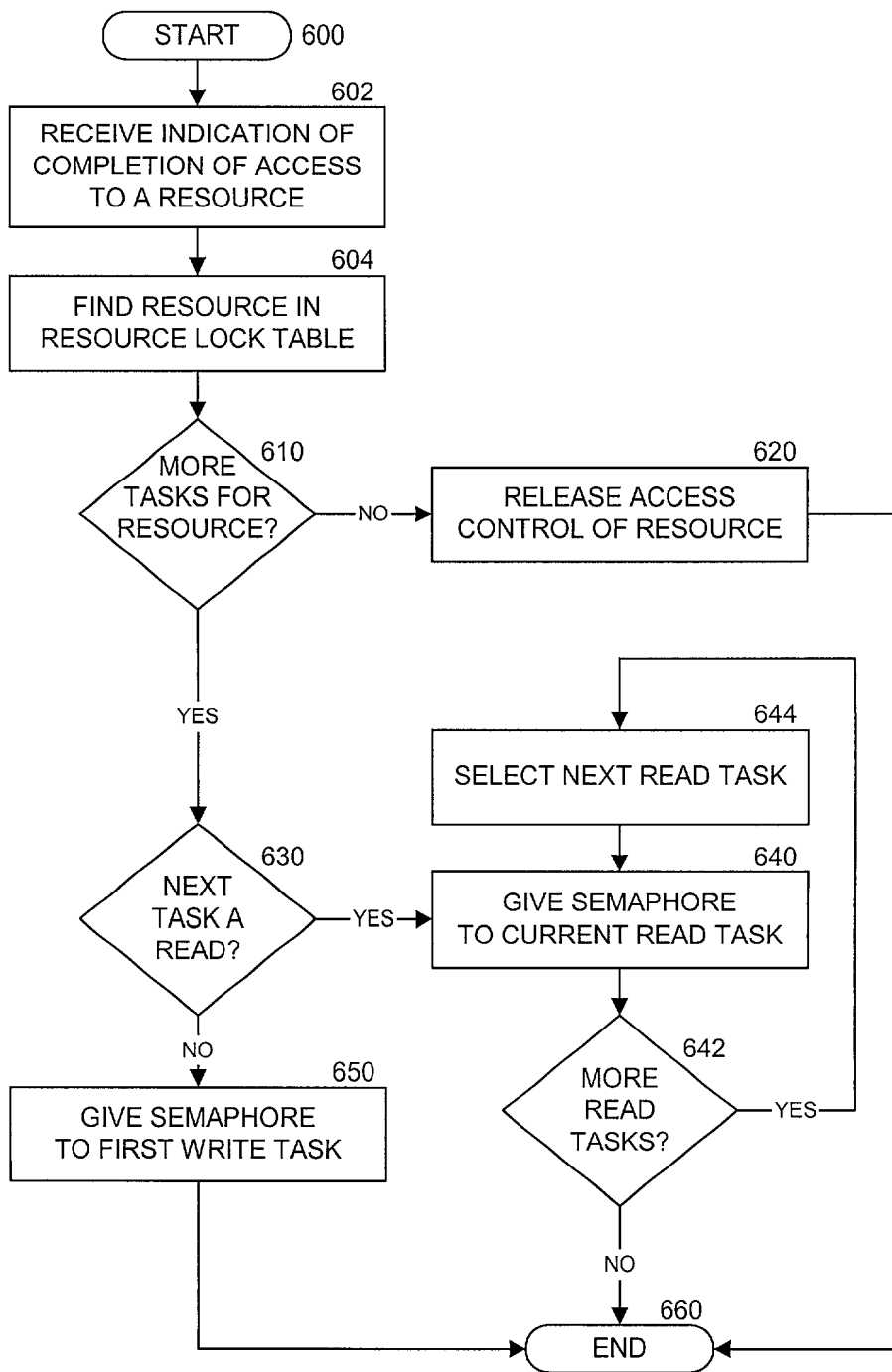


FIGURE 6